

CLAIMS

1. I claim the invention of a telescopic boom vang, where one tube contains at least one electric motor with an adapted planetary gear which is engaged to a threaded rod which moves a drive nut fixed to a telescopic extension arm.
2. I claim the invention of an electrically driven telescopic boom vang as in claim 1 where the planetary gear is mounted to a sealed bearing case that contains thrust and bushing type bearings to accommodate a flange fixed to a threaded rod and where the bearing case is mounted inside the motor housing tube.
3. I further claim the invention of a linear thread driven telescopic boom vang as specified in claim 1 with two electric motors coupled in sequence.
4. I also claim the invention of a linear thread driven telescopic boom vang as specified in claim 1 where the motor power cables are leading from a sealed electrical socket, which is embeded in the clevis end, through a tunnel to the motor.